

**MULTIMEDIA DISTRIBUTING AND/OR PLAYING SYSTEMS AND  
METHODS USING SEPARATE RESOLUTION-ENHANCING  
SUPPLEMENTAL DATA**

**Abstract of the Disclosure**

Multimedia data having a first resolution is transmitted and supplemental data is separately transmitted. When combined with the multimedia data having a first  
5 resolution, the supplemental data provides the multimedia content at a second resolution that is higher than the first resolution. The multimedia data having a first resolution is received and the supplemental data is separately received. The multimedia data having a first resolution and the supplemental data are combined, to provide the multimedia content at a second resolution that is higher than the first  
10 resolution. The multimedia data having a first resolution may be transmitted, received and played using streaming, while the supplemental data may be transmitted, received and played by downloading. Digital rights management schemes may be applied to the multimedia data having a first resolution and/or to the supplemental data.